

Claim 8 was rejected under 35 U.S.C. 103(a) as being unpatentable over Samuels in view of Carroll, et al, and further in view of Bertram, et al. (U.S. Patent No. 6,191,785).

Claims 9, 10, 14, 19, 20, and 22-24 were rejected under 35 U.S.C. 103(a) as being unpatentable over Samuels in view of Carroll, et al, and further in view of Cheng (5,912,663).

Claims 2-5, 7-15, 17-25, and 27 have been canceled herein without prejudice. Applicants therefore respectfully request the withdrawal of the rejections under 35 U.S.C.

Allowable Subject Matter

Claims 5, 6, 25, and 26 were objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. Applicants have amended claim 1 to include the limitations of claim 5. Claim 6 has been amended to depend from claim 1. Similarly, claim 16 has been amended to include the limitations of claim 25. Claim 26 includes the limitations of claim 16 and claim 25. Therefore, Applicants respectfully submit that the objections to claims 5, 6 25, and 26 have been overcome.

CONCLUSION

Applicants respectfully submit that claims 5, 6, 25, and 26 are in condition for allowance.

The Commissioner is authorized to charge any additional fees which may be required, including petition fees and extension of time fees, to Deposit Account No. 23-2415 (Docket No. 25216-725).

Respectfully submitted,

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Title: Method and Apparatus for Software Control of Viewing Parameters

Clean claims for attached Amendment and Response to Office Action for the above-referenced matter.

1 1. A method for adjusting levels of a viewing parameter for an image screen disposed on
2 a portable computer, wherein the image screen includes pixels having output levels, the method
3 comprising:

4 a processor disposed in the portable computer receiving an activation signal for viewing
5 parameter control from a first input mechanism, the activation signal corresponds to a single
6 interaction with the first input mechanism;

7 responsive to the activation signal, a program displaying graphical user interface elements
8 adapted for viewing parameter control on the image screen;

9 the processor receiving an adjustment signal indicating adjustment from prior values of the
10 viewing parameter to new values of the viewing parameter; and

11 responsive to receiving the adjustment signal, the processor adjusting the values of the
12 viewing parameter for the image screen to the new values, wherein adjusting comprises,

13 adjusting image screen drive voltages to adjusted voltages corresponding to the new
14 values, the pixels connected to the image screen drive voltages; and

15 the pixel output levels responding to the adjusted voltages by providing an adjusted
16 image.

1 6. The method of claim 1, wherein the image screen includes portions adapted for
2 illumination by groups of pixels including a first portion configured for illumination by a first group
3 of pixels, and wherein the adjusting includes:

maintaining the image screen drive voltages at low levels for one or more of the groups of pixels, and

adjusting the image screen voltages to adjusted voltages corresponding to the new values for the first group of pixels, the first portion covering less than approximately twenty-percent of the image screen, and wherein the method includes the portable computer displaying selected information only on the first portion.

16. A portable computer comprising:

an image screen comprising pixels, the values of the viewing parameter vary in response to image screen drive voltages, and different groups of the pixels have different image screen drive voltages, wherein the image screen is adapted to display items of information at levels of a viewing parameter;

a first input mechanism adapted to initiate adjustment of viewing parameter values in response to a single interaction with the first input mechanism;

a processor; and

a memory coupled with the processor to:

respond to the single interaction by displaying at least one graphical user interface element adapted for adjusting the viewing parameter values; and

respond to inputs applied to the graphical user interface elements by adjusting the values of the viewing parameter, each of the inputs including at least one of selecting and adjusting at least one of the graphical user interface elements.

26. The portable computer of claim 16, wherein the more than approximately eighty percent of the pixels have a value of the viewing parameter corresponding to a first image screen drive voltage.